

A/J-3 Info

Hinkle, 1Lt

J-32C 6277 arg

STS-2 Tracking Restrictions

27 Oct 81

1. NASA has concurred (Atch 1) with ADCOM's recommended radar restrictions (Atch 2) for tracking of the Space Shuttle. The following radar restrictions apply for all future Shuttle missions:

- a. The FPS-85 will track the Shuttle no closer than 220 NM (403 km).
- b. ALTAIR will track the Shuttle using VHF frequencies.
- c. PARCS and COBRA DANE are restricted from tracking the Shuttle.

(1) The first Shuttle mission with an inclination within PARCS and Shemya coverage is projected for May 83.

(2) HQ SAC has directed PARCS and COBRA DANE to perform a technical analysis to determine if management of power radiation levels is possible without jeopardizing site mission requirements.

(3) If radiation management is not possible, radar transmission restrictions will be necessary to prevent radiation when the Shuttle is in sensor coverage.

RECOMMENDATION

1. Information only.

SIGNATURE

JERRY D. RICHARDS, Colonel, USAF
Director, Defense Systems

2 Atch
1. NASA msg 221300Z Oct 81 (C)
2. ADCOM Pkg to NASA (C)

(No record of
attachments.

THIS SSS UNCLASSIFIED WHEN
ATTACHMENTS ARE REMOVED.